AWS re:Invent

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SVS315

Automating resilience with regional awareness for your applications

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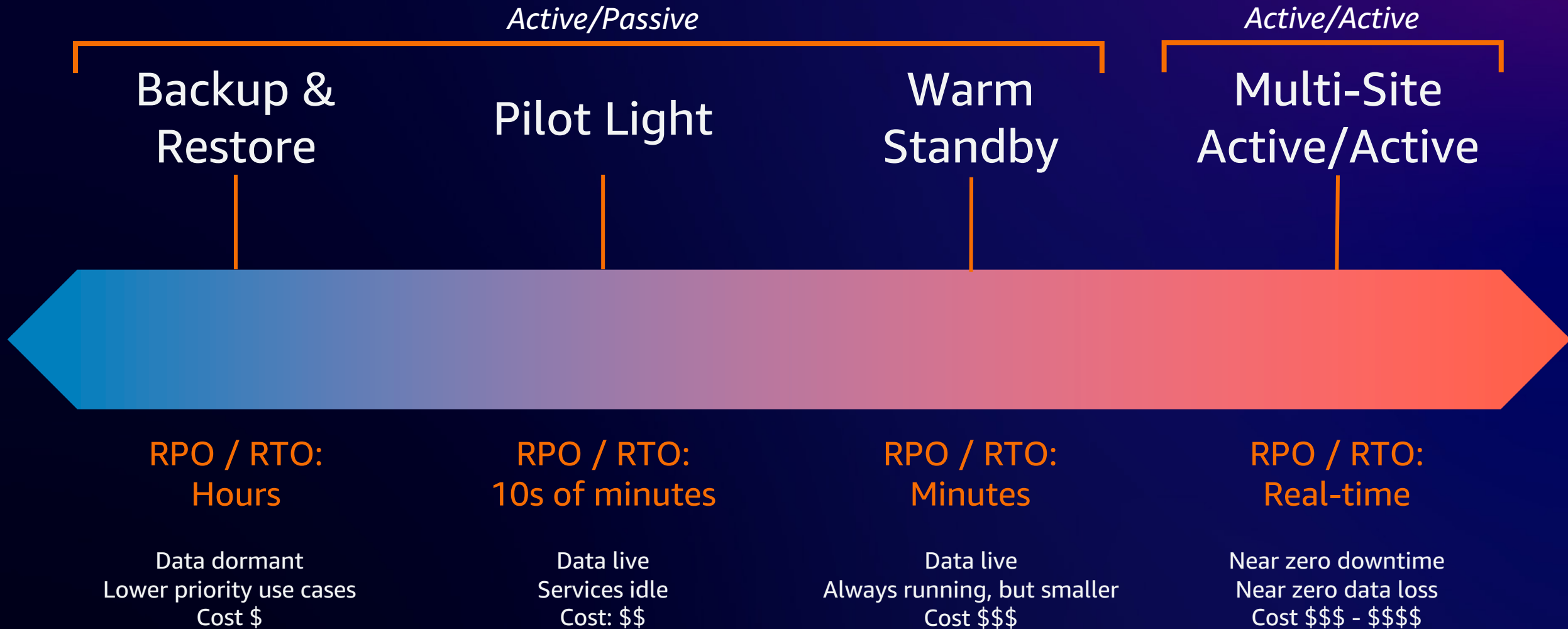
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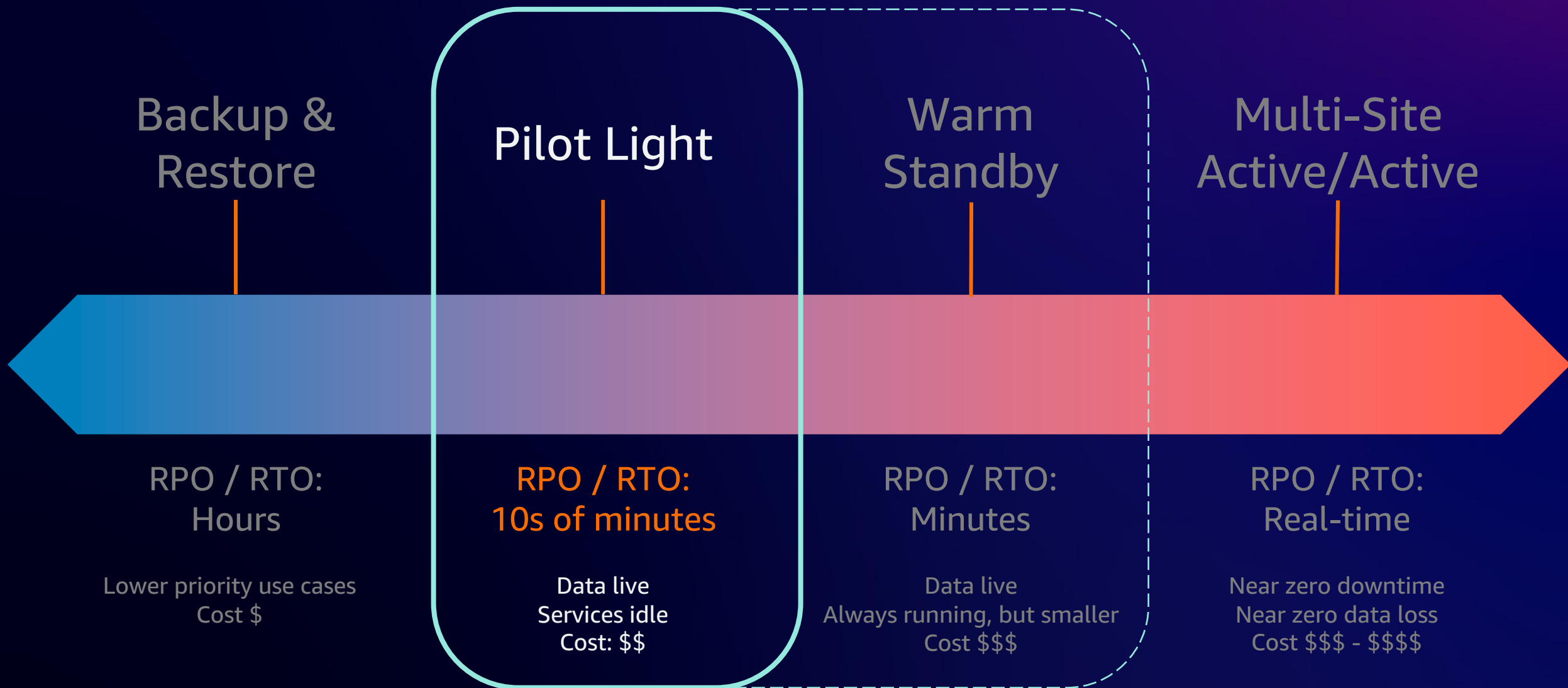AWS

Agenda

01   Disaster Recovery Strategies
             ServerlessVideo

02   Regional robustness

03   Active-Passive scenarios
             Multi-region Serverless conceptual framework

04   Wrap up discussion and survey

Strategies for Disaster Recovery

Active/Passive

Active/Active

Backup & Restore

Pilot Light

Warm Standby

Multi-Site Active/Active

RPO / RTO:
Hours

RPO / RTO:
10s of minutes

RPO / RTO:
Minutes

RPO / RTO:
Real-time

Data dormant
Lower priority use cases
Cost $

Data live
Services idle
Cost: $$

Data live
Always running, but smaller
Cost $$$

Near zero downtime
Near zero data loss
Cost $$$ - $$$$

Strategies for Disaster Recovery

Backup & Restore

RPO / RTO: Hours

Lower priority use cases
Cost $

Pilot Light

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Data live
Services idle
Cost: $$

Warm Standby

RPO / RTO: Minutes

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Multi-Site Active/Active

RPO / RTO: Real-time

Near zero downtime
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Cost $$$ - $$$$

ServerlessVideo

Try it out! Go to: **https://s12d.com/video**

Thank you!

Please complete the session survey in the mobile app

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https://s12d.com/aws-resilience